

**Kansas Fiscal Year 2017  
Environmental Quality Incentive Program  
Narrative Descriptions for Allocations**

**Grazing Lands Health**—A base allocation of \$15,000 per county is provided. Remaining funds are based on 2012 Census of Agriculture estimates for pastureland acres by county and Farm Service Agency (FSA) Conservation Reserve Program (CRP) expiring acres by county are used. The pastureland and CRP values are summarized and calculated as a percent of the entire state. The county percent of the whole is then aggregated, with other counties in the Resource Management Zone (RMZ), which provides a percent of the state total grazing lands allocation to the RMZ.

**Water Quality**—A base allocation of \$15,000 per county is provided. Remaining funds are based on Geographic Information System (GIS), soils in each management unit (MU) with a water erosion—potential soil loss index (PSLI) of greater than or equal to four tons are intersected with cropland acres to determine cropland acres with the potential to erode at greater than or equal to four tons. Potential soil loss index (PSLI) is calculated as RKLSC, with C having a constant value of .23. Acres of total maximum daily load (TMDL) watersheds with impairments for nutrients, pesticides, dissolved oxygen, and eutrophication by county are also calculated. PSLI cropland acres and TMDL acres are given an equal weighting of 50 percent for the county which is aggregated with other counties in the MU to provide a percent of the state total allocation to the MU.

**Soil Health**—The Census of Agriculture cropland acres for each county are aggregated to the area level. The area cropland acres are used to determine the percent of the state total allocation to the area.

**Livestock Waste**—County level data is obtained from Kansas Department of Health and Environment (KDHE) for number of waste permit applications, number of permitted animal units, and number of permitted facilities. Each of the three factors are aggregated to the area level. Each factor is given an equal weighting and summarized to calculate the percent of allocation by area.

**Water Quantity**—Acres of irrigated land by area for a percent of the state allocation.